Art Unit: 3745

Serial Nr.: 10/671,911

BEST AVAILABLE COPY

03203-URS

AMENDMENTS TO THE SPECIFICATION:

Page 1, amend paragraph [0001] as:

[0001] This invention relates to cooling fans, and more specifically, it relates to a cooling fan provided with a baseplate beneath the fan leaves, which is capable of eliminating a turbulence, and accordingly a wind resistance[[,]] generated in the base portion of the cooling fan for promoting the cooling efficiency of the inside electronic components.

Page 1, amend paragraph [0002] as:

[0002] As the operation speed and power of a generic desktop computer, notebook computer, or MPU device, etc., is stepwise raised, [[hence]] cooling efficiency becomes an issue of extreme importance.

Page 1, amend paragraph [0004] as:

[0004] Because the mentioned cooling fan is usually a micro-fan with a small momentum applied for electronic devices, [[thus]] its mechanical efficiency could deteriorate be-deteriorated significantly by an incurred turbulence. As indicated by arrowheads in Fig. 2, a clearance could be found between the frame (A) and the shaft assembly (B) to allow the generation of turbulence that would impose an extra resistance on the shaft assembly (B), and also reduce the negative-pressure effect and accordingly the intake quantity of air to consequently result in a degraded cooling effect.

Page 2, amend paragraph [0007] as:

[0007] The merits of this invention could be summarized as the following:

Serial Nr.: 10/671,911

Art Unit: 3745

03203-URS

 No turbulence will be created by closely jointing the fan leaves to the common baseplate;

2. To induce stronger negative-pressure effect is possible by using the common baseplate, so-that and therefore air intake is enhanced to thus promote the cooling efficiency; and

3. Wind resistance is also reduced by using the common baseplate, and therefore, a relatively low-power cooling fan could be sufficient for cooling <u>purposes</u> purpose instead of a high-power one.

Page 3, amend paragraph [0010] as:

[0010] As shown in Fig. 3, an embodiment of the cooling fan of this invention is constructed performed by mounting a fan body (1) on a base (2), in which a depression (21) having at least an upward and a sideward opening is formed centrally in the primary portion of the base (2), and an electrical device for driving the fan body (1) is available.

Page 3, amend paragraph [0011] as:

[0011] The fan body (1) is pivotally jointed to the base (2) through a shaft assembly (11), which is extended outwardly from its circumferential surface to form a plurality of fan leaves (12), in which the bottom edge of each fan leaf (12) is fixedly jointed with a common baseplate (13) formed by extending the circumferential surface of the shaft assembly (11) outwardly, and there is no clearance reserved between every fan leaf (12) and the baseplate (13). As shown in Fig. 3, the baseplate (13) extends outwardly more than the fan leaves (12) which are completed isolated from the space below the baseplate

Serial Nr.: 10/671,911

Art Unit: 3745

03203-URS

(13) to reduce the wind resistance and induce stronger negative pressure effect. In other

words, the outermost edges of the fan leaves are positioned a distance from the edge of

the baseplate.

Pages 3-4, amend paragraph [0012] as:

[0012] Moreover, in order to mate with the fan body (1), the depression (21) of the base

(2) is configured in such a way that the shaft assembly (11) can be driven to rotate the fan

leaves (12) synchronously to generate airflow by an electrical device arranged in the base

(2).

Page 4, amend paragraph [0013] as:

[0013] When the shaft assembly (11) is driven to rotate by an electrical device of the

base (2) as shown in Figs. 4A and 4B, a negative pressure is created in a space (12a)

enclosed by every two neighbor leaves and the shaft assembly (11) by the driven fan

leaves (12) so that the air above the fan body (1) would flow downwardly to enter the

spaces (12a) to be guided by the depression (21) of the base (2) to finally flow out of the

base (2) through the sideward opening. In this case, no airflow is permitted to enter the

bottom portion of every fan leaf (12) for generating any turbulence that could curb the

descent of the airflow because there is no clearance existed between every fan leaf (12)

and the baseplate (13).

Page 4, amend paragraph [0014] as:

[0014] Figs. 5 and 6 show more respective embodiments of this invention. In Fig. 5,

each [[the]] fan leaf (12') of the fan body (1) is twisted by a specific angle to form a

Serial Nr.: 10/671,911

Art Unit: 3745

03203-URS

curved face, while in Fig. 6, each [[the]] fan leaf (12") of the fan body (1) forms a plane having a specific deflection angle, in <u>order to enhance the purpose of enhancing</u> the <u>sacked</u> airflow and the output wind pressure by and from the fan body (1) and hence <u>improve heightening</u> the mechanical efficiency thereof. In addition to the efficacies mentioned, to lower the power usually required by the electrical device in the base (2) for driving the fan body (1) and heat generated is also possible.

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

| Defects in the images include but are not limited to the items checked: |
|---|
| ☐ BLACK BORDERS |
| ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES |
| ☐ FADED TEXT OR DRAWING |
| ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING |
| ☐ SKEWED/SLANTED IMAGES |
| ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS |
| ☐ GRAY SCALE DOCUMENTS |
| ☐ LINES OR MARKS ON ORIGINAL DOCUMENT |
| ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY |
| |

IMAGES ARE BEST AVAILABLE COPY.

☐ OTHER:

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.